

## ABSTRACT

A method for evaluating an effect of an agent to be tested on alopecia, using a transgenic mouse to which an interleukin-18 gene under control of a keratinocyte promoter is introduced, or a method for evaluating an effect of an agent to be tested on skin, using the transgenic mouse, wherein the following (A) and/or (B) are used as an evaluation indicator.

(A) spontaneous dermatitis

(B) dermal inflammation at a time of a first administration of a phlogogenous material

Using the transgenic mouse, the effect of an agent to be tested on dermatitis for which autoimmune dermatitis is a typical example and/or alopecia can be examined, and an agent for preventing / treating dermatitis or alopecia can be provided.